Applicant/Patentee: _Cheg et al.		
Application or Patent No. 09/519,727	Atty Docket No	STFUP014
Thed: March 3, 2000		
VERIFIED STATEMENT (
CLAIMING SMALL EN 37 CFR 1.9(f) and 1.27(d)—NONPR		N
Š		
I hateby declare that I am an official empowered to a land the state of the state o	act on behalf of the nonp	rofit organization
	NICEPPO OF THE LAND	
NAME OF ORGANIZATION: <u>THE BOARD OF TR</u> JUNIOR UNIVERSITY		
ADDRESS: Office of Technology Licensing, 900 We	elch Road, Suite 350, Palo	Alto, California
94304-1850 TYPE OF ORGANIZATION: University		
I hamber dealess that the above identified warmen	£41'5'	. ~.
I hereby declare that the above identified nonpro organization as defined in 37 CFR 1.9(e), for purpose	s of paying reduced fees	s as a nonprofit under 41(a) or (b)
of Title 35, U.S. Code, with regard to the invent	tion entitled ITERATIV	<u>E MULTI-USÈŔ</u>
<u>DETECTION</u> by inventor(s) <u>Kok-Wui Cheong</u> , <u>Won</u> <u>Wu, and John M. Cioffi</u> described in	1-Joon Choi, Johnny Li-S	nung Fan, Zining
[] the specification filed herewith.		
[X] Application No. 09/519,727 ff [] patent # is	iled <u>March 3, 2000</u>	
[] patent # is	ssued	
I hereby declare that rights under contract or law ha	we been conveyed to and	l remain with the
nonprofit organization having rights to the invention invention are held by any person, other than the in	on is listed below* and	no rights to the
business concern under 37 CFR 1.9(d) or by any co	ncern which would not d	ualify as a small
business concern under 37 CFR 1.9(d) or a nonprofit separate verified statements are required from each	organization under 37 CF	R 1.9(e). *Note:
having rights to the invention averring to their status a	s small entities. (37 CFR	1.27)
Name:		•
Address:		
[] individual [] small business concern	nonprofit organization	<u> </u>
I calmoveledge the duty to file in this application or		
I acknowledge the duty to file, in this application or resulting in loss of entitlement to small entity status p	rior to paying, or at the ti	me of paying, the
earliest of the issue fee or any maintenance fee due aft is no longer appropriate. (37 CFR 1.28(b)).	er the date on which statu	s as a small entity
I hereby declare that all statements made herein of statements made on information and belief are bel	my own knowledge are	true and that all
statements were made with the knowledge that willfu	l false statements and the	like so made are
punishable by fine or imprisonment, or both, under 1 such willful false statements may jeopardize the vali	001 of Title 18 of the U.	S. Code, and that
thereon, or any patent to which this verified statement	is directed.	my patent issuing
NAME OF PERSON SIGNING: Katharine	Ku	
TITLE IN ORGANIZATION: Director, Of	fice of Technology	Licensing
	Rd. Suite 350 Pajo!	tho en 94/304
SIGNATURE & Sharing Ku		

DATE ____

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U . PATENT APPLICATION

Attorney's Docket No. STFUP014

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ITERATIVE MULTI-USER DETECTION the specification of which,

(check one)	1.	is attached hereto.			
	2.	was filed on	March 3, 2000	as	
		U.S. Application No	09/519,727		
t.		and was amended on _			
	3.	was filed on		25	
	۷. 🗀	International PCT Appl	lication No.		
	nt I have reviewed amendment referre		ontents of the above-identified	specification, including the	claims, as
I acknowledge the 37, CFR § 1.56.	e duty to disclose	information which is n	naterial to the examination of th	is application in accordance	with Title
Prior Foreign Ap	pplication(s)				
than the United	States, listed belo	w and have identified	International application which below, by checking the box, ving a filing date before that of	any foreign application for	patent or priority is
(Application No.)		(Country)	(Filing Date)	4	
				Yes No	
(Application No.)		(Country)	(Filing Date)		
Provisional Appl	lication(s)				
I hereby claim the	e benefit under 35	U.S.C. §119(e) of any t	United States provisional applica	ation(s) listed below:	
60/123,088		03/05/99			
(Application No.))	(Filing Date)			
(Application No.))	(Filing Date)	·		

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 130
Mountain View, CA 94042-0130



Direct Telephone Calls To:

Quin C. Hoellwarth at telephone number (650) 961-8300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Sole or First Inventor:	Kok-Wui Cheong	Citizenship:	Singapore
Inventor's signature:	Cheon real i	Date of Signature:	6/16/2000
Residence: (City)	Stanford	(State/Country) _	CA/US
	121 Campus Drive, #3110B, Stanford, CA	94305	
Second Inventor:	Won-Joon Choi	Citizenship:	Korea
Inventor's signature:		Date of Signature:	
Residence: (City)	Mountain View	(State/Country)	CA/US
Post Office Address:	750 N. Shoreline Blvd., #105, Mountain V	, , , ,	

Third Inventor:	Johnny Li-Shung Fan	Citizenship:	USA
Inventor's signature: _		Date of Signati	ıre:
Residence: (City) _	Palo Alto	(State/Country)	CA/US
Post Office Address:	P.O. Box 221, Palo Alto, CA 94302-0221		
Fourth Inventor:	Zining Wu		People's Republic of China
Inventor's signature:	John	Date of Signatu	ure: 6/20/2000
Residence: (City) _	Los Altos		CA/US
Post Office Address:	836 S. Springer Road, Los Altos, Ca 94024	4	
Fifth Inventor:	John M. Cioffi	Citizenship:	USA
Inventor's signature:		Date of Signatu	ıre:
Residence: (City) _	Los Altos	(State/Country)	CA/US
Post Office Address:	14298 Saddle Mountain Drive, Los Altos H	Iills, CA 94022	



(check one)

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. STFUP014

As a below-named inventor, I hereby declare that:

1.

My residence, post office address and citizenship are as stated below next to my name.

is attached hereto.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ITERATIVE MULTI-USER DETECTION the specification of which,

2. 🔀	U.S. Application No	March 3, 2000 09/519,727		
3.		cation No.		
		cation No.		
I hereby state that I have reviewed amended by any amendment referr		ntents of the above-identified s	pecification,	including the claims, as
I acknowledge the duty to disclose 37, CFR § 1.56.	e information which is ma	terial to the examination of this	s application	in accordance with Title
Prior Foreign Application(s)				
I hereby claim foreign priority ber				
for patent or inventor's certificate, than the United States, listed bel inventor's certificate, or PCT Inteclaimed:	ow and have identified b	pelow, by checking the box, a	ny foreign a f the applicati Priority	pplication for patent or ion on which priority is y Benefits Claimed?
than the United States, listed bel inventor's certificate, or PCT Inteclaimed:	ow and have identified bernational application hav	pelow, by checking the box, a ing a filing date before that of	ny foreign a f the applicati Priority	pplication for patent or ion on which priority is
than the United States, listed bel inventor's certificate, or PCT Inte	ow and have identified b	pelow, by checking the box, a	ny foreign a f the applicati Priority Yes	pplication for patent or ion on which priority is y Benefits Claimed? No
than the United States, listed bel inventor's certificate, or PCT Inteclaimed:	ow and have identified bernational application hav	pelow, by checking the box, a ing a filing date before that of	ny foreign a f the applicati Priority Yes	pplication for patent or ion on which priority is y Benefits Claimed?
than the United States, listed bel inventor's certificate, or PCT Inteclaimed: (Application No.)	ow and have identified bernational application hav (Country)	pelow, by checking the box, a sing a filing date before that of (Filing Date)	ny foreign a f the applicati Priority Yes	pplication for patent or ion on which priority is y Benefits Claimed? No
than the United States, listed bel inventor's certificate, or PCT Interclaimed: (Application No.) (Application No.)	ow and have identified bernational application hav (Country) (Country)	(Filing Date)	ny foreign a f the applicati Priority Yes	pplication for patent or ion on which priority is y Benefits Claimed? _ No
than the United States, listed bel inventor's certificate, or PCT Inteclaimed: (Application No.) (Application No.) Provisional Application(s)	ow and have identified bernational application hav (Country) (Country)	(Filing Date)	ny foreign a f the applicati Priority Yes	pplication for patent or ion on which priority is y Benefits Claimed? _ No

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)	
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)	

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 130
Mountain View, CA 94042-0130



Direct Telephone Calls To:

Quin C. Hoellwarth at telephone number (650) 961-8300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor:	Kok-Wui Cheong	Citizenship:	Singapore
Inventor's signature:		Date of Signature:	
Residence: (City)	Stanford	(State/Country)	CA/US
Post Office Address:	121 Campus Drive, #3110B, Stanford, CA	94305	
Second Inventor:	Won-Joon Choi	Citizenship:	Korea
Inventor's signature:		Date of Signature:	
Residence: (City)	Mountain View	(State/Country)	CA/US
Post Office Address:	750 N. Shoreline Blvd., #105, Mountain V	7iew. CA 94043	

Atty. Dkt. No.: STFUP014

Page 2 of 3

Third Inventor:	Lohnny Li-Shung Fan	Citizenship:	USA
Inventor's signature:	Johnny Fan	Date of Signatu	re:_6/26/00
Residence: (City)	Palo Alto	(State/Country)	CA/US
Post Office Address:	P.O. Box 221, Palo Alto, CA 94302-0221		
Fourth Inventor:	Zining Wu	Citizenship:	People's Republic of China
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Los Altos	(State/Country)	CA/US
Post Office Address:	836 S. Springer Road, Los Altos, Ca 94024	4	
Fifth Inventor:	John M. Cioffi	Citizenship:	USA
Inventor's signature:		Date of Signatu	re:
Residence: (City)	Los Altos	(State/Country)	CA/US
Post Office Address:	14298 Saddle Mountain Drive, Los Altos H	Iills, CA 94022	

Atty. Dkt. No.: STFUP014

(Revised 03/00)



(check one)

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. STFUP014

or

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

1. is attached hereto.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ITERATIVE MULTI-USER DETECTION the specification of which,

·				
	2. 🔀	was filed on	March 3, 2000	as
			o. <u>09/519,727</u>	
		and was amended on	1	
	3.	was filed on		as
			pplication No.	
		and was amended on	1	
I hereby state that I have amended by any amended			e contents of the above-identified sp	pecification, including the claims, as
I acknowledge the duty 37, CFR § 1.56.	to disclos	e information which is	s material to the examination of this	s application in accordance with Title
Prior Foreign Applicat	ion(s)			
	miamitu ba	actita undan Titla 25 I	United States and S 110(a) (d) and	2.265(1-) -6 611:1:(-)
I hereby claim foreign p for patent or inventor's than the United States,	certificate listed be	or § 365(a) of any Poor and have identified	CCT International application which ied below, by checking the box, a having a filing date before that of	§ 365(b) of any foreign application(s) designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or	certificate listed be	or § 365(a) of any Poor and have identified	PCT International application which ied below, by checking the box, a	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed?
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed:	certificate listed be	or § 365(a) of any Poor ow and have identificernational application	CCT International application which ied below, by checking the box, a having a filing date before that of	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed?
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed:	certificate listed be	or § 365(a) of any Poor ow and have identificernational application	CCT International application which ied below, by checking the box, a having a filing date before that of	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed: (Application No.)	certificate listed be PCT Inte	or § 365(a) of any Poow and have identificernational application (Country)	CCT International application which fied below, by checking the box, as having a filing date before that of	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed: (Application No.) (Application No.) Provisional Application	certificate listed be PCT Inte	or § 365(a) of any Poow and have identificentational application (Country) (Country)	CCT International application which fied below, by checking the box, as having a filing date before that of	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed: (Application No.) Provisional Application I hereby claim the benefit	certificate listed be PCT Inte	or § 365(a) of any Poow and have identificentational application (Country) (Country)	CCT International application which ited below, by checking the box, at having a filing date before that of (Filing Date) (Filing Date)	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed: (Application No.) (Application No.) Provisional Application	certificate listed be PCT Inte	or § 365(a) of any Poow and have identificentational application (Country) (Country)	CT International application which ited below, by checking the box, as having a filing date before that of (Filing Date) (Filing Date) The provisional application of the control of t	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed: (Application No.) Provisional Application I hereby claim the benefit 60/123,088	certificate listed be PCT Inte	or § 365(a) of any Poow and have identificentational application (Country) (Country) 5 U.S.C. §119(e) of an 03/05/99	CT International application which ited below, by checking the box, as having a filing date before that of (Filing Date) (Filing Date) The provisional application of the control of t	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No Yes No
I hereby claim foreign p for patent or inventor's than the United States, inventor's certificate, or claimed: (Application No.) Provisional Application I hereby claim the benefit 60/123,088	certificate listed be PCT Inte	or § 365(a) of any Poow and have identificentational application (Country) (Country) 5 U.S.C. §119(e) of an 03/05/99	CT International application which ited below, by checking the box, as having a filing date before that of (Filing Date) (Filing Date) The provisional application of the control of the	designated at least one country other ny foreign application for patent or the application on which priority is Priority Benefits Claimed? Yes No Yes No





Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 130
Mountain View, CA 94042-0130



Direct Telephone Calls To:

Quin C. Hoellwarth at telephone number (650) 961-8300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor:	Kok-Wui Cheong	Citizenship:	Singapore
Inventor's signature:		Date of Signature	e:
Residence: (City)	Stanford	(State/Country)	CA/US
Post Office Address:	121 Campus Drive, #3110B, Stanford, CA	A 94305	
			-
Second Inventor:	Won-Joon Choi	Citizenship:	Korea
Inventor's signature:	385 Won-Joon	Date of Signature	06/23/00
Residence: (City)	Mountain View	(State/Country)	CA/US
Post Office Address:	750 N. Shoreline Blvd., #105, Mountain	View, CA 94043	_

Atty. Dkt. No.: STFUP014

(Revised 03/00)



Third Inventor:		Johnny Li-Shung Fan	Citizenship:	USA
Inventor's signatu	re:		Date of Signatu	re:
Residence: (0	City)	Palo Alto	(State/Country)	CA/US
Post Office Address	s:	P.O. Box 221, Palo Alto, CA 94302-0221		
Fourth Inventor:		Zining Wu	Citizenship:	People's Republic of Chin
Inventor's signatu	re:		Date of Signatu	re:
Residence: (0	City)	Los Altos	(State/Country)	CA/US
Post Office Address	3:	836 S. Springer Road, Los Altos, Ca 9402	4	
Fifth Inventor:		John M. Cioffi	Citizenship:	USA
Inventor's signatu	re:	em. Caffe	Date of Signatu	re:
Residence: (0	City)	Los Altos Palo Alto	(State/Country)	CA/US
Post Office Address	s:	14298 Saddle Mountain Drive, Los Aitos F		
		1540 Oak Creek #3	304	
		Palo Alto, CA 92	4304	

Atty. Dkt. No.: STFUP014

(Revised 03/00)